

Material Technical Data Sheet

Epoxy Resin TYPE XE400

1. Use description

Epoxy resin XE400 is an epoxy resin adhesive that cures under normal and low temperature conditions. It has good leveling properties, natural defoaming, low viscosity, high hardness, and high strength. Room temperature or heating can be cured. Dedicated to the insulation of crystal drop plates, marble plates, 3D floors metal floor, and other electronic parts, moisture-proof potting, confidentiality masking, etc.

2. Hardening properties

	Epoxy resin XE400	Hardener XE400
Color:	Colorless and transparent	
Proportion:	1.15	0.96
Viscosity 25°C:	MAX 1000CPS	100MAXCPS

3. Conditions of Use

Ratio:	A : B = 100 : 33 (weight ratio)
Hardening conditions:	25°C×8H-10H 55°C×2H
Pot life:	25°C×40min

4. Use method

1. Working environment: Please keep the plastic container clean. A, B components are strictly according to the weight ratio, accurately weighed, and stir it evenly along the inner wall of the container clockwise until it is used for 3-5 minutes.

2. According to the operating time and amount of glue deployment, to avoid waste. When the temperature is lower than 15 °C, please pre-heat the A glue to 30 °C and then adjust the rubber, easy to operate (low temperature, A glue will thicken); After use must seal the lid, to avoid the product due to moisture absorption scrapped.

3. When the relative humidity is more than 85%, the surface of the cured product can easily absorb the moisture in the air to form a white mist. Therefore, when the relative humidity is more than 85%, it is not suitable for room temperature curing. It is recommended to use the heating and curing.

4. The lid must be sealed after use to avoid the product being scrapped due to moisture absorption.

5.Hardened property

Hardness:	shore D	<90
Withstand voltage:	KV/mm	22
Bending strength:	MPa	23
Thermal Conductivity :	W/M.K	0.61
Heat distortion temperature :	°C	80
Water absorption :	%	<0.15
Compressive strength :	MPa	134

The above performance data is typical data measured in a laboratory environment with a temperature of 25°C and a humidity of 70%. It is for customer reference only.

imagination is the only limit
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